

Universal Crypto-Adaptor System for Supporting Multiple APIs and Multiple Smart Cards

Abstract of the Disclosure

5 A universal crypto-adaptor system is adapted for supporting one or more smartcard applications with a plurality of smart cards through a smart card reader. The system includes an API unit for providing implementations of API specification for said smartcard applications, and a universal smart card API for communicating with said API means and said smart card reader for handling smart card operations including file and data managements and cryptographic operations, wherein said universal smart card
10 comprises at least a smartcard translator to retrieve and translate smart card data saved in said respective smart card into a plurality of logic partitions that are compatible with each of said smartcard applications of said API means.